L8 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
AN 1967:490830 HCAPLUS
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TI 7-Substituted s-triazolo[1,5-a]pyrimidines
IN Tenor, Ernst; Fueller, Heinz; Hausschild, Fritz
SO Ger. (East), 4 pp.
CODEN: GEXXA8
DT Patent
LA German
IC C07D
CC 28 (Heterocyclic Compounds (More Than One Hetero Atom))
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 55956		19670520	DD	19660927 <--

PI DD 55956 19670520 DD 19660927 <--
GI For diagram(s), see printed CA Issue.
AB The title compds. (I), in which the 7-substituent (R3) is alkylamino, alkenylamino, cycloalkylamino, hydroxyalkylamino, alkylamino-alkylamino, or alkoxy, are prepd. by the action of amines or Na alkoxides on II, in which R1 and R4 are H, C1-C4 alkyl, alkoxy, halogen, aralkyl, or aryl, R2 is H, halogen, alkyl, alkenyl, aralkyl, or aryl, and X is Cl, MeS, or EtO. I were prepd. for which R1, R2, R3, R4, m.p. (recrystn. solvent), yield (g.), X in II, wt. II (g.), solvent (cc.), and reflux time (hrs.) were, resp.: H, H, Et2N, H, 68.degree. (n-C7H16), 3, Cl, 5.1, H2O (50), and 5; H, H, PhCH2NH, H, 216-17.degree. (EtOH), 5.2, Cl, 4.6, H2O (50), and 5; Me, H, Et2N, Et, 61-3.degree. (Et2O), 5.9, Cl, 8.8, H2O (50), and 2.5; Me, Cl, furfurylamino, H, 163.degree. (aq. dioxane), 4.5, Cl, 4, EtOH (50), and 3; Me, Br, Et2N, H, 84-6.degree. (ligroine), 3.8, Cl, 4.6, Et2NH (20 g.), and 5; Me, H, Et2NCH2CH2O, H, 113-14.degree., (n-C7H16), 8.5, Cl, 12.5, Et2NCH2CH2OH (60 g.), and 3 (at 130-40.degree.); Me, H, piperidino, Me2CH, 73-5.degree. (n-C7H16))(b0.06 200-2.degree.), 3.5, Cl, 7.6, H2O (50), and 2.5; Me, H, AmNH, H, 111-12.degree. (n-C7H16), 8, Cl, 8.4, EtOH (75), and 5; Me, H, piperidino, 3,4,5-(MeO)3C6H2, 186-7.degree. (Me2CHOH), 2.3, Cl, 5, BuOH (75), and 10; Ph, H, (HOCH2CH2)2N, H, 163-5.degree. (H2O), 6.2, Cl, 5.7, BuOH (50), and 5; Me, H, piperidino, Ph, 174-5.degree. (ligroine), 6, Cl, 3.7, BuOH (50), and 5; Me, H, o-ClC6H4NH, H, 177.degree. (aq. Me2CHOH), 4.5, Cl, 4.3, none, -; Me, H, p-EtO2CC6H4NH, H, 185.degree. (PhMe), -, Cl, 4.3, EtOH (50), and 5; Me, Br, Et2N(CH2)3NH, H, 120.degree. (aq. EtOH), -, Cl, 4.6, EtOH (50), and 5; Me, H, PhCH2NH, H, 162-3.degree. (aq. Me2CHOH), 2.5, MeS, 3.6, Me2CHOH (50), -; Me, H, furfurylamino, Me, 189-90.degree. (aq. Me2CHOH), 2.5, EtO, 2.7, Me2CHOH (10), and 2 days (room temp.); Me, H, PhCH2NH, Me, 162-3.degree. (aq. Me2CHOH), 3, EtO, 3.4, Me2CHOH (10), and 3; Me, H, piperidino, Me, 93-4.degree. (n-C7H16), 2.7, EtO, 2.7, Me2CHOH (10), and 2 days (room temp.); Me, H, Et2N, H, 103-4.degree. (n-C7H16) (HCl salt m. 212.degree.), 8.1, Cl, 8.4, H2O (30), and 2; and Me, H, Me2CHCH2NH, Me, 97-8.degree. (ligroine) (HCl salt m. 148.degree.), 5, Cl, 8.4, H2O (25), and 2. I increase coronary artery flow.
ST PYRIMIDINES TRIAZOLO; TRIAZOLSPYRIMIDINES; CORONARY AILMENTS MEDICINES
IT s-Triazolo[1,5-a]pyrimidine, derivs.
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
IT 15421-84-8P 16282-76-1P 16282-77-2P 16282-84-1P 16282-85-2P
16282-86-3P 16282-87-4P 16282-88-5P 16282-89-6P 16282-90-9P
16282-91-0P 16282-92-1P 16282-93-2P 16282-94-3P 16282-95-4P
16283-08-2P 16283-80-0P 16283-81-1P 16283-82-2P 16313-61-4P
16332-97-1P 17433-91-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)